



Crop Weather Report

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Weather Summary

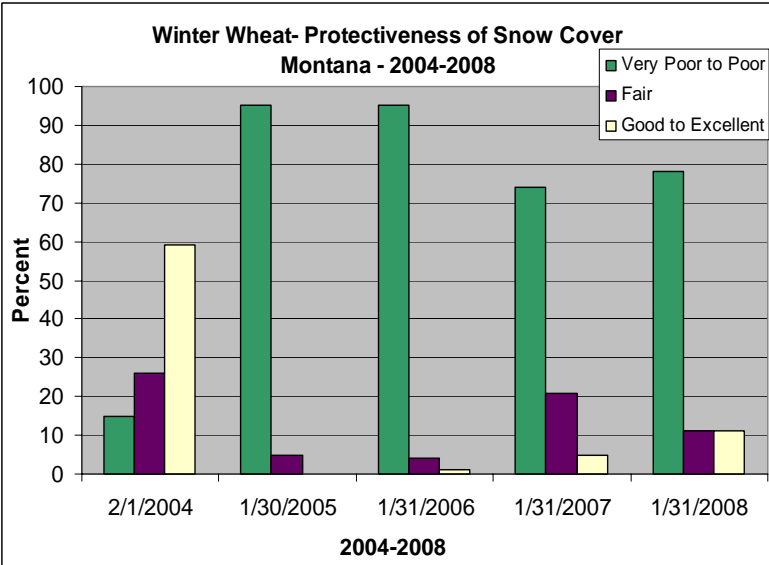
For the month ending January 31st, most areas of Montana experienced below normal precipitation. West Glacier received an accumulated 4.55 inches during the month, the most in the state. Swan Lake had the second highest moisture accumulation for the month at 2.96 inches. Highs were mostly in the 40s to 50s, and low temperatures ranged in the negative 30s to negative teens. Wisdom and Goldbutte shared the low temperature of minus 37 degrees, and Valentine had the high temperature of 60 degrees. Topsoil moisture adequate and surplus is 32 percent, above last month's 30 percent but below last year's 56 percent. Subsoil moisture adequate and surplus, at 21 percent, is below last month's 22 percent and last year's 37 percent.

The weather outlook for February 11th through February 17th is for above normal temperatures and below normal precipitation east of the continental divide and for above normal temperatures and near normal precipitation west of the divide. Normal temperatures for this period in Montana are highs in the mid 20s to the upper 30s and lows ranging from 5 degrees to the upper teens.

Livestock Report

Twenty percent of pastures are closed for livestock grazing compared to 12 percent last year. Recent moisture and cold temperatures have increased the need for supplemental feeding. Hay supplies are being used up fast as only about half the pastures are open. A few ranchers have started calving and lambing.

Pasture Condition and Feed	This Month	Last Month	Last Year
Livestock Birthing			
Calving Completed	4	n/a	3
Lambing Completed	1	n/a	1
Livestock Grazing			
Open	51	84	70
Difficult	29	11	18
Closed	20	5	12
Receiving Supplemental Feed			
Cattle & Calves	96	81	94
Sheep & Lambs	95	84	96



Soil Moisture Table	This Month	Last Month	Last Year
Topsoil Moisture			
Very Short	27	24	9
Short	41	46	35
Adequate	31	28	54
Surplus	1	2	2
Subsoil Moisture			
Very Short	39	36	17
Short	40	42	46
Adequate	20	21	36
Surplus	1	1	1

Field Crops Report

Winter wheat condition is similar to last month but rated below last year with 32 percent good to excellent compared to 54 percent last year. Snow cover has improved from the previous month. High winds and variable temperatures across most of the state have caused about the same amount of damage to winter wheat as last year.

Crop Condition Table	This Month	Last Month	Last Year
Winter Wheat			
Very Poor	3	2	0
Poor	12	11	5
Fair	53	54	41
Good	29	29	44
Excellent	3	4	10
Winter Wheat-Wind Damage			
None	47	56	48
Light	43	38	34
Moderate	9	6	17
Heavy	1	0	1
Winter Wheat-Freeze and Drought Damage			
None	47	55	52
Light	41	36	37
Moderate	11	8	10
Heavy	1	1	1
Winter Wheat- Protectiveness of Snow Cover			
Very Poor	45	88	49
Poor	33	7	25
Fair	11	3	21
Good	8	2	5
Excellent	3	0	0

Weather Information for the Month ending 01/31/2008

Station	Temperature				Precipitation January			Precipitation October 1 to date		
	Hi	Low	Avg	DFN	Total	DFN	% Nrm	Total	DFN	% Nrm
NORTHWEST										
Alberton	44	-11	21	-2	0.68	-0.56	55	6.92	+2.97	175
Anaconda	49	-25	21	-2	0.73	+0.04	106	4.02	+1.01	134
Clinton	46	-24	17	-7	1.43	+0.19	115	5.79	+1.84	147
Corvallis	50	-15	25	+0	0.46	-0.79	37	3.38	-0.79	81
Creston	43	-21	21	-2	0.52	-0.92	36	2.44	-3.39	42
Deer Lodge	50	-29	20	+2	0.26	-0.24	52	1.75	-0.27	87
Drummond	43	-22	17	-4	0.58	-0.41	59	3.44	+0.01	100
Hamilton	48	-13	25	+1	0.25	-1.00	20	4.23	+0.06	101
Kalispell	42	-11	21	+1	1.05	-0.48	69	3.85	-1.58	71
Missoula	47	-5	23	+0	0.35	-0.89	28	3.11	-0.84	79
Olney	37	-28	15	-6	2.98	+0.29	111	9.88	+1.12	113
Polson	44	-6	23	-3	0.86	-0.38	69	3.55	-1.13	76
St Ignatius	51	-12	25	+0	0.82	-0.38	68	2.82	-1.55	65
Seeley Lake	36	-33	16	-4	1.66	-1.31	56	7.13	-1.89	79
Sula	46	-29	19	-3	0.36	-0.76	32	4.41	-0.06	99
Superior	41	-9	25	-3	1.81	+0.06	103	8.01	+1.82	129
Swan Lake	40	-22	19	-4	2.96	-0.19	94	11.86	+0.11	101
Thompson Falls	40	0	27	-1	2.95	+0.06	102	12.29	+2.42	125
West Glacier	39	-20	23	+2	4.55	+1.33	141	13.42	+1.71	115
NORTH CENTRAL										
Chester	52	-35	15	+0	0.46	+0.03	107	1.14	-0.48	70
Chinook	54	-26	15	+1	0.07	-0.48	13	1.20	-0.79	60
Choteau	56	-30	22	-1	0.18	-0.11	62	1.72	+0.33	124
Cut Bank	51	-24	22	+5	0.00	-0.41	0	0.80	-0.71	53
Ft Assiniboine	56	-29	18	+3	0.17	-0.34	33	0.88	-1.16	43
Fort Benton	53	-25	19	-2	0.38	-0.32	54	1.73	-1.02	63
Goldbutte	51	-37	19	+1	0.35	-0.05	88	1.47	-0.37	80
Harlem	54	-28	15	+3	0.31	-0.19	62	1.06	-0.84	56
Havre	56	-29	19	+6	0.11	-0.42	21	0.63	-1.34	32
Malta	55	-25	18	+8	0.18	-0.23	44	1.25	-0.52	71
Rudyard	54	-29	18	+3	0.05	-0.57	8	0.18	-2.22	8
Shelby	51	-24	19	-1	0.21	-0.16	57	0.87	-0.70	55
Turner	51	-33	16	+7	0.16	-0.25	39	0.90	-0.87	51
Valier	53	-23	23	+4	0.24	-0.13	65	1.56	-0.01	99
NORTHEAST										
Bredette	47	-31	13	+4	0.23	-0.09	72	2.14	+0.55	135
Culbertson	53	-25	13	+5	0.18	-0.22	45	1.52	-0.48	76
Glasgow	55	-25	15	+5	0.26	-0.11	70	1.83	+0.19	112
Glendive	51	-22	17	+5	0.08	-0.38	17	1.19	-0.90	57
Jordan	57	-25	17	+2	0.23	-0.26	47	2.13	+0.04	102
Nashua	57	-25	15	+5	0.11	-0.26	30	1.58	-0.06	96
Opheim	47	-29	12	+5	0.16	-0.15	52	1.98	+0.64	148
Plentywood	46	-28	11	+2	0.10	-0.21	32	1.78	+0.18	111
St Marie	51	-27	15	+5	0.15	-0.22	41	1.75	+0.11	107
Scobey	47	-26	12	+3	0.08	-0.24	25	2.14	+0.55	135
Sidney	49	-24	16	+3	0.20	-0.21	49	1.52	-0.72	68
Wolf Point	55	-24	13	-1	0.02	-0.56	3	1.10	-1.25	47
CENTRAL										
Cascade	52	-30	24	+2	0.64	+0.07	112	2.16	-0.41	84
Grass Range	56	-18	22	-2	0.29	-0.48	38	3.17	+0.23	108
Great Falls	55	-20	24	+4	0.70	-0.21	77	2.06	-1.14	64
Harlowton	53	-22	18	-6	0.68	+0.18	136	3.67	+1.36	159
Helena	52	-18	21	+2	0.39	-0.24	62	2.02	-0.28	88
Lewistown	54	-26	22	+2	0.39	-0.59	40	2.09	-1.67	56
Martinsdale	53	-30	22	-1	0.81	+0.19	131	2.83	+0.49	121
Neihart	47	-30	20	-3	1.51	+0.46	144	4.43	-0.03	99
Rogers Pass	51	-29	21	-3	0.52	+0.00	100	2.62	+0.41	119
Roundup	55	-22	23	-1	0.17	-0.27	39	2.25	+0.16	108
Ryegate	53	-20	20	+2	0.40	-0.18	69	2.62	+0.36	116
Stanford	56	-25	24	+2	0.59	-0.14	81	2.98	+0.09	103
Townsend	51	-23	21	-3	0.46	+0.01	102	1.80	-0.14	93
Valentine	60	-21	18	+0	0.29	-0.27	52	2.07	-0.17	92
Wht Sulphur Spr	48	-27	19	-1	1.77	+0.76	175	3.43	-0.48	88
SOUTHWEST										
Boulder	46	-22	19	-3	0.40	-0.20	67	1.96	-0.21	90
Bozeman	52	-20	22	-2	0.94	+0.07	108	6.65	+2.25	151
Butte	40	-32	17	+0	0.06	-0.49	11	1.69	-0.52	76
Dillon	45	-22	20	-2	0.05	-0.20	20	2.32	+0.75	148
Ennis	44	-23	20	-4	0.71	+0.34	192	4.38	+2.02	186
Lakeview	39	-23	15	+4	0.78	-0.61	56	4.80	-0.61	89
W Yellowstone	42	-22	15	+4	2.60	+0.42	119	9.50	+1.72	122
Wisdom	38	-37	11	-4	0.42	-0.21	67	3.96	+1.24	146
SOUTH CENTRAL										
Billings	55	-17	26	+4	0.37	-0.53	41	3.52	-0.15	96
Cooke City	44	-23	18	+8	0.92	-1.52	38	5.01	-3.13	62
Gardiner	46	-16	20	-4	0.51	+0.05	111	2.81	+0.30	112
Hardin	55	-16	23	+6	0.18	-0.66	21	2.66	-1.14	70
Huntley	58	-18	21	+2	0.33	-0.30	52	3.35	+0.45	116
Hysham	57	-17	21	+2	0.32	-0.19	63	2.58	+0.01	100
Joliet	52	-18	21	-3	0.40	-0.34	54	3.70	+0.23	107
Livingston	52	-17	25	-2	0.01	-0.60	2	2.92	-0.19	94
Nye	54	-17	26	-2	0.19	-0.42	31	3.77	+0.66	121
Rapelje	53	-19	23	+0	0.61	-0.08	88	3.33	+0.12	104
SOUTHEAST										
Albion	52	-13	19	+5	1.00	+0.64	278	2.27	+0.07	103
Baker	53	-21	17	+2	0.01	-0.56	2	0.74	-1.72	30
Broadus	49	-18	20	+2	0.28	-0.22	56	1.37	-1.32	51
Ekalaka	51	-22	18	-1	0.42	-0.09	82	1.73	-1.13	60
Miles City	54	-17	19	+3	0.01	-0.54	2	0.52	-2.11	20
Plevna	54	-27	15	-1	0.27	-0.30	47	0.90	-1.56	37